

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

Claims 1-22 (Original)

Claim 23. (Currently Amended) A method for preparing a ~~hollow~~ polymer-coated substrate composite microsphere, comprising:

providing a substrate comprising a plurality of hydroxyl groups;  
attaching an initiator agent to said hydroxyl groups to form attached initiator agents;  
reacting the attached initiator agents with a polymerizable unit under living polymerization conditions to form a polymer shell over said substrate, said polymerization being confined to a surface of said substrate; ~~and~~

~~exposing said substrate to an etching agent for a time sufficient to allow for removal of said substrate from said polymeric shell to form a hollow microsphere~~ to yield a polymer-coated substrate composite microsphere.

Claims 24-60 (Original)